Subject Index for Volume 38 Materials Evaluation

Acoustic Emission Analysis of Douglas Fir Finger Joints, D. D. Dedhia and W. E. Wood, No. 11, p. 28

Acoustic Emission Analysis to the Integrity Monitoring of Offshore Steel Production Platforms, Application of, L. M. Rodgers, J. P. Hansen, and T. J. C. Webborn, No. 8, p. 39

Acoustic Emission Generated During the Deformation of Mild Steel, An Investigation of the, A. N. Hadjicostis and S. H. Carpenter, No. 2, p. 19

Acoustic Emission of Iron and Steels, Magnetomechanical, K. Ono and M. Shibata, No. 1, p. 55

Acoustic Emission Monitors Damage Progression in Graphite Epoxy Composite Structure, C. D. Bailey, S. M. Freeman, and J. M. Hamilton, No. 8, p. 21

Acoustic Emission Techniques, Computerized Preventive Maintenance Systems Using Modified, R. W. Finley, No. 8, p. 15

Adsorption and Hysteresis Behavior of Crack-Detecting Liquid Penetrants on Steel Plates, R. D. Tanner, R. E. Ustruck, and P. F. Packman, No. 9, p. 41

Aircraft Aluminum Alloy Sheets, Early Detection of Fatigue Cracks in, R. B. Mignogna, J. C. Duke, Jr., and R. W. Green, Jr., No. 3, p. 37

Aluminum Alloy Sheets, Early Detection of Fatigue Cracks in Aircraft, R. B. Mignogna, J. C. Duke, Jr., and R. W. Green, Jr., No. 3, p. 37

Jr., No. 3, p. 37

Aluminum Master Cylinder Die Castings for Porosity, Ultrasonic Evaluation of, C. Kotval, No. 11, p. 23

*Analysis of the Dual-Element Angle Beam Transducer, An, J.

L. Rose and G. P. Singh, No. 7, p. 38

*Angle Beam Transducer, An Analysis of the Dual-Element, J. L. Rose and G. P. Singh, No. 7, p. 38

Application of Acoustic Emission Analysis to the Integrity Monitoring of Offshore Steel Production Platforms, L. M. Rodgers, J. P. Hansen, and T. J. C. Webborn, No. 8, p. 39.

*Application of Infrared Technique to Research on Tensile Test, Y. Huang, J. Xu, and C. H. Shih, No. 12, p. 76 Attenuation as an Indicator of Fatigue Life of Graphite Fiber

Epoxy Composite, Ultrasonic, J. H. Williams, Jr., and B. Doll, No. 5, p. 33

Rond Evaluation: An Analysis of the Problem Ultrasonic

*Bond Evaluation: An Analysis of the Problem, Ultrasonic Nondestructive, H. H. Chaskelis and A. V. Clark, Jr., No. 4, p. 20 *Calibration of Ultrasonic Systems for Immersion Testing, Some Effects of Curved Entry Surfaces on the, B. G. Frock, No. 4, p. 35

Castings for Porosity, Ultrasonic Evaluation of Aluminum Master Cylinder Die, C. Kotval, No. 11, p. 23

*Characterization of Focussing Ultrascnic Transducers by Means of Single Frequency Analysis, The, U. Schlengermann, No. 12, p. 73

Classic Techniques and Applications in Helium Leak Testing (Back to Basics), P. R. Forant, No. 9, p. 26

Composite, Ultrasonic Attenuation as an Indicator of Fatigue Life of Graphite Fiber Epoxy, J. H. Williams, Jr., and B. Doll, No. 5, p. 33 Computerized Preventive Maintenance Systems Using Mod-

Computerized Preventive Maintenance Systems Using Modified Acoustic Emission Techniques, R. W. Finley, No. 8, p. 15

Do-It-Yourself Approach to the Evaluation of Inspection Penetrants, A, J. R. Alburger, No. 2, p. 25

Early Detection of Fatigue Cracks in Aircraft Aluminum Alloy Sheets, R. B. Mignogna, J. C. Duke, Jr., and R. W. Green, Jr., No. 3, p. 37

Eddy Current Inspection with Continuous Wave Methods, Multifrequency, T. J. Davis, No. 1, p. 62

*Eddy Current Phenomena, Finite Element Analysis of, R. Palanisamy and W. Lord, No. 10, p. 39

*Effect of Near-Surface Metallic-Property Gradients on Ultrasonic Critical-Angle Reflectivity, The, B. G. Martin and F. L. Becker, No. 1, p. 92

Energy Savings Related to Film Processing (Back to Basics), P. DiNovo, No. 10, p. 17

Evaluating Radiographic Quality (Back to Basics), W. S. Burkle, No. 11, p. 17

Evaluation of Inspection Penetrants, A Do-It-Yourself Approach to the, J. R. Alburger, No. 2, p. 25

*Fatigue Crack Growth and Fracture Mechanics Considerations for Flaw Inspection of Railroad Rail, R. K. Steele, No. 10, p. 33
Fatigue Cracks in Aircraft Aluminum Alloy Sheets, Early

Fatigue Cracks in Aircraft Aluminum Alloy Sheets, Early Detection of, R. B. Mignogna, J. C. Duke, Jr., & R. W. Green, Jr., No. 3, p. 37

*Fatigue Damage and the Prediction of Remaining Life, An Ultrasonic Nondestructive Test Procedure for the Early Detection of, J. M. Carson and J. L. Rose, No. 4, p. 27 Fatigue Life of Graphite Fiber Epoxy Composite, Ultrasonic

^{*}Asterisks used to denote a paper included in the Research Supplement.

Attenuation as an Indicator of, J. H. Williams, Jr., and B. Doll, No. 5, p. 33

Film Processing, Energy Savings Related to (Back to Basics),

P. DiNovo, No. 10, p. 17

*Finite Element Analysis of Eddy Current Phenomena, R. Palanisamy and W. Lord, No. 10, p. 39 Flaw Detection in Live Wood, On, J. G. Okyere and A. J.

Cousin, No. 3, p. 43

Focussed Ultrasonic Probes for Contact Inspection, R. V. Murphy, No. 9, p. 53

*Fracture Mechanics Considerations for Flaw Inspection of Railroad Rail, Fatigue Crack Growth and, R. K. Steele, No. 10, p. 33

Graphics System Developed for NDT, An Interactive, W. E. Woodmansee, No. 3, p. 33

Helium Leak Testing, Classic Techniques and Applications in (Back to Basics), P. R. Forant, No. 9, p. 26

Impedance Matching for Ultrasonic Testing: Part 1 (Back to Basics), D. Henry, No. 4, p. 11

Impedance Matching for Ultrasonic Testing: Part 2 (Back to Basics), D. Henry, No. 5, p. 16

*Infrared Technique to Research on Tensile Test, Application of, Y. Huang, J. Xu, and C. H. Shih, No. 12, p. 76

Inspection of Fiberglass Reinforced Plastic Pipe, Piping, and Equipment (Back to Basics), C. E. Pepper, No. 7, p. 28 Interactive Graphics System Developed for NDT, An, W. E.

Woodmansee, No. 3, p. 33

*Interferometry, Noncontract Material Testing Using Laser Energy Deposition and, C. A. Calder and W. W. Wilcox, No. 1, p. 86

Investigation of the Acoustic Emission Generated During the Deformation of Mild Steel, An, A. N. Hadjicostis and S. H. Carpenter, No. 2, p. 19

Iron and Steels, Magnetomechanical Acoustic Emission of, K.

Ono and M. Shibata, No. 1, p. 55

*Laser Energy Deposition and Interferometry, Noncontact Material Testing Using, C. A. Calder and W. W. Wilcox, No. 1,

Linac, Radiography of Steel with the 25,000 R/Min, G. C.

Wheeler, No. 6, p. 37

*Linear Array Technology in NDE Applications, D. K. Lemon and G. J. Posakony, No. 7, p. 34

Liquid Penetrants on Steel Plates, Adsorption and Hysteresis Behavior of Crack-Detecting, R. D. Tanner, R. E. Ustruck and P. F. Packman, No. 9, p. 41

Magnetic Probe Inspection of Steam Generator Tubing, W.

Lord and R. Palanisamy, No. 5, p. 38

Magnetomechanical Acoustic Emission of Iron and Steels, K. Ono and M. Shibata, No. 1, p. 55

Maintenance Systems Using Modified Acoustic Emission Techniques, Computerized Preventive, R. W. Finley, No. 8,

Microprocessor Utilization in Ultrasonic Nondestructive Inspection Systems, J. L. Rose and G. H. Thomas, No. 1, p. 69 Multifrequency Eddy Current Inspection with Continuous Wave Methods, T. J. Davis, No. 1, p. 62

*Neutrons, Radiography Using One-Microelectronvolt, J. C.

Bates, No. 12, p. 54

Nodular Iron Parts, Theoretical Model for Comparison of Sonic-Resonance and Ultrasonic-Velocity Techniques for Assuring Quality in Instant, E. P. Papadakis and B. V. Kovacs, No. 6, p. 25

*Noncontact Material Testing Using Laser Energy Deposition and Interferometry, C. A. Calder and W. W. Wilcox, No. 1, p.

*Nondestructive Bond Evaluation: An Analysis of the Problem, Ultrasonic, H. H. Chaskelis and A. V. Clark, No. 4, p. 20 Nondestructive Inspection Systems, Microprocessor Utilization in Ultrasonic, J. L. Rose and G. H. Thomas, No. 1, p. 69

*Nondestructive Test Procedure for the Early Detection of Fatigue Damage and the Prediction of Remaining Life, An Ultrasonic, J. M. Carson and J. L. Rose, No. 4, p. 27

Offshore Steel Production Platforms, Application of Acoustic Emission Analysis to the Integrity Monitoring of, L. M. Rodgers, J. P. Hansen, and T. J. C. Webborn, No. 8, p. 39

Penetrant Removers, Proper Use of (Back to Basics), W. E.

Mooz, No. 1, p. 18
Penetrants, A Do-It-Yourself Approach to the Evaluation of Inspection, J. R. Alburger, No. 2, p. 25

*Polarization Effects in Shear Wave Testing, J. F. Lovelace, No. 12, p. 61

Position Paper on the Use of SNT-TC-1A, ASNT, No. 7, p. 11 Present and Future in Ultrasonic Testing, The (Back To Basics), V. K. Sinha and K. M. Khanna, No. 6, p. 14

Probes for Contact Inspection, Focussed Ultrasonic, R. V. Murphy, No. 9, p. 53

Proper Use of Penetrant Removers (Back to Basics), W. E. Mooz, No. 1, p. 18

Quality, Evaluating Radiographic (Back to Basics), W. S. Burkle, No. 11, p. 17

Radiographic Examination of the Shroud of Turin, R. W. Mottern, R. J. London, and R. A. Morris, No. 12, p. 39 Radiographic Quality, Evaluating (Back to Basics), W. S.

Burkle, No. 11, p. 17

Radiography of Steel with the 25,000 R/Min Linac, G. C. Wheeler, No. 6, p. 37

*Radiography Using One-Microelectronvolt Neutrons, J. C. Bates, No. 12, p. 54

*Railroad Rail, Fatigue Crack Growth and Fracture Mechanics Considerations for Flaw Inspection of, R. K. Steele, No.

Recertification Program, ASNT, No. 11, p. 11

Reflectivity, The Effect of Near-Surface Metallic-Property Gradients on Ultrasonic Critical-Angle, B. G. Martin and F. L. Becker, No. 1, p. 92

Sensitivity Selection Technique, Some Additional Aspects of the Standardless, A. J. Rogovsky and J. L. Rose, No. 9, p. 47 *Shear Wave Testing, Polarization Effects in, J. F. Lovelace,

No. 12, p. 61

Shroud of Turin, Radiographic Examination of the, R. W. Mottern, R. J. London, and R. A. Morris, No. 12, p. 39 SNT-TC-1A, ASNT Position Paper on the Use of, No. 7, p. 11 SNT-TC-1A Interpretation Panel Responds to Inquiries, No. 10, p. 18

Some Additional Aspects on Standardless Sensitivity Selection Technique, A. J. Rogovsky and J. L. Rose, No. 9, p. 47 *Some Effects of Curved Entry Surfaces on the Calibration of

Ultrasonic Systems for Immersion Testing, B. G. Frock, No. 4, p. 35

Sonic-Resonance and Ultrasonic-Velocity Techniques for Assuring Quality in Instant Nodular Iron Parts, Theoretical Model for Comparison of, E. P. Papadakis and B. V. Kovacs, No. 6, p. 25

Specifications and Standards Used for NDT, No. 5, p. 25 Standardless Sensitivity Selection Technique, Some Additional Aspects of the, A. J. Rogovsky and J. L. Rose, No. 9, p.

Steel, An Investigation of the Acoustic Emission Generated During the Deformation of Mild, A. N. Hadjicostis and S. H. Carpenter, No. 2, p. 19

Steel Blooms to Detect Internal Pipe, Ultrasonic Inspection of Hot, B. E. Droney and T. J. Pfeiffer, No. 6, p. 31

Steel Plates, Adsorption and Hysteresis Behavior of Crack-Detecting Liquid Penetrants on, R. D. Tanner, R. E. Ustruck, and P. F. Packman, No. 9, p. 41

Steel Production Platforms, Application of Acoustic EmissionAnalysis to the Inegrity Monitoring of Offshore, L. M. Rodgers, J. P. Hansen, and T. J. C. Webborn, No. 8, p. 39

*Steel, Ultrasonic Prediction of Grain Size, Strength, and Toughness in Plain Carbon, R. Klinman, G. R. Webster, F. J. Marsh and E. T. Stephenson, No. 10, p. 26

Steel with the 25,000 R/Min. Linac, Radiography of, G. C. Wheeler, No. 6, p. 37

Steels, Magnetomechanical Acoustic Emission of Iron and, K.

Ono and M. Shibata, No. 1, p. 55
*Tensile Test, Application of Infrared Technique to Research on, Y. Huang, J. Xu, and C.H. Shih, No. 12, p. 76

Theoretical Model for Comparison of Sonic-Resonance and Ultrasonic-Velocity Techniques for Assuring Quality in Instant Nodular Iron Parts, E. P. Papadakis and B. V. Kovacs, No. 6, p. 25

*Transducers by Means of Single Frequency Analysis, The Characterization of Focussing Ultrasonic, U. Schlenger-

mann, No. 12, p. 73

Tubing, Magnetic Probe Inspection of Steam Generator, W. Lord and R. Palanisamy, No. 5, p. 38

Ultrasonic Attenuation as an Indicator of Fatigue Life of Graphite Fiber Epoxy Composite, J. H. Williams, Jr., and B. Doll, No. 5, p. 33

*Ultrasonic Critical-Angle Reflectivity, The Effect of Near-Surface Metallic-Property Gradients on, B. G. Martin and F.

L. Becker, No. 1, p. 92

Ultrasonic Evaluation of Aluminum Master Cylinder Die Castings for Porosity, C. Kotval, No. 11, p. 23

*Ultrasonic Evaluation of Impact-Damaged Graphite Fiber Composite, J. H. Williams, Jr., and N. R. Lampert, No. 12,

Ultrasonic Inspection of Hot Steel Blooms to Detect Internal Pipe, B. E. Droney and T. J. Pfeiffer, No. 6, p. 31

*Ultrasonic Nondestructive Bond Evaluation: An Analysis of the Problem, H. H. Chaskelis and A. V. Clark, No. 4, p. 20 Ultrasonic Nondestructive Inspection Systems, Microproces-

sor Utilization in, J. L. Rose and G. J. Thomas, No. 1, p. 69 *Ultrasonic Nondestructive Test Procedure for the Early Detection of Fatigue Damage and the Prediction of Remaining

Life, An, J. M. Carson and J. L. Rose, No. 4, p. 27 *Ultrasonic Prediction of Grain Size, Strength, and Toughness

in Plain Carbon Steel, R. Klinman, G. R. Webster, F. J. Marsh, and E. T. Stephenson, No. 10, p. 26

Ultrasonic Probes for Contact Inspection, Focussed, R. V. Murphy, No. 9, p. 53

Ultrasonic Systems for Immersion Testing, Some Effects of Curved Entry Surfaces on the Calibration of, B. G. Frock, No. 4, p. 35

Ultrasonic Testing: Part 1, Impedance Matching for (Back to Basics), D. Henry, No. 4, p. 11

Ultrasonic Testing: Part 2, Impedance Matching for (Back to Basics), D. Henry, No. 5, p. 16

Ultrasonic Testing, The Present and Future (Back to Basics), V. K. Sinha and K. M. Khanna, No. 6, p. 14

*Ultrasonic Transducers by Means of Single Frequency Analysis, The Characterization of Focussing, U. Schlengermann, No. 12, p. 73

Ultrasonic-Velocity Techniques for Assuring Quality in Instant Nodular Iron Parts, Theoretical Model for Comparison of Sonic-Resonance and, E. P. Papadakis and B. V. Kovacs, No. 6, p. 25

Wood, On Flaw Detection in Live, J. G. Okyere and A. J. Cousin, No. 3, p. 43

Author Index for Volume 38 **Materials Evaluation**

Alburger, J. R., A Do-It-Yourself Approach to the Evaluation

of Inspection Penetrants, No. 2, p. 25 Bailey, C. D., S. M. Freeman, and J. M. Hamilton, Jr., Acoustic Emission Monitors Damage Progression in Graphite Epoxy Composite Structure, No. 8, p. 21

*Bates, J. C., Radiography Using One-Microelectronvolt Neutrons, No. 12, p. 54

*Becker, F. L. (See Martin, B. G.), No. 1, p. 92

Burkle, W. S., Evaluating Radiographic Quality (Back to

Basics), No. 11, p. 17
*Calder, C. A., and W. W. Wilcox, Noncontact Material Testing Using Laser Energy Deposition and Interferometry, No. 1, p.

Carpenter, S. H. (See Hadjicostis, A. N.), No. 2, p. 19

*Carson, J. M., and J. L. Rose, An Ultrasonic Nondestructive Test Procedure for the Early Detection of Fatigue Damage and the Prediction of Remaining Life, No. 4, p. 27

*Chaskelis, H. H., and A. V. Clark, Ultrasonic Nondestructive Bond Evaluation: An Analysis of the Problem, No. 4, p. 20

*Clark, A. V., Jr. (See Chaskelis, H. H.), No. 4, p. 20

Cousin, A. J. (See Okyere, J. G.), No. 3, p. 43

Davis, T. J., Multifrequency Eddy Current Inspection with Continuous Wave Methods, No. 1, p. 62

Dedhia, D. D., and W. E. Wood, Acoustic Emission Analysis of Douglas Fir Finger Joints, No. 11, p. 28

DiNovo, P., Energy Savings Related to Film Processing (Back to Basics), No. 10, p. 17

Doll, B. (See Williams, J. H., Jr.), No. 5, p. 33

Droney, B. E., and T. J. Pfeiffer, Ultrasonic Inspection of Hot Steel Blooms to Detect Internal Pipe, No. 6, p. 31 Duke, J. C., Jr. (See Mignogna, R. B.), No. 3, p. 37

Finley, R. W., Computerized Preventive Maintenance Systems Using Modified Acoustic Emission Techniques, No. 8, p. 15 Forant, P. R., Classic Techniques and Applications in Helium

Leak Testing (Back to Basics), No. 9, p. 26

Freeman, S. M. (See Bailey, C. D.), No. 8, p. 21 *Frock, B. G., Some Effects of Curved Entry Surfaces on the Calibration of Ultrasonic Systems for Immersion Testing,

No. 4, p. 35 Green, R. E., Jr. (See Mignogna, R. B.), No. 3, p. 37

Hadjicostis, A. N., and S. H. Carpenter, An Investigation of the Acoustic Emission Generated During the Deformation of Mild Steel, No. 2, p. 19

Hamilton, J. M., Jr. (See Bailey, C. D.), No. 8, p. 21 Hansen, J. P. (See Rodgers, L. M.), No. 8, p. 39

Henry, D., Impedance Matching for Ultrasonic Testing: Part 1 (Back to Basics), No. 4, p. 11

Impedance Matching for Ultrasonic Testing: Part 2

(Back to Basics), No. 5, p. 16 *Huang, Y., J. Xu, and C. H. Shih, Application of Infrared Technique to Research on Tensile Test, No. 12, p. 76

Khanna, K. M. (See Sinha, V. K.), No. 6, p. 14 *Klinman, R., G. R. Webster, F. J. Marsh, and E. T. Stephenson, Ultrasonic Prediction of Grain Size, Strength, and Toughness in Plain Carbon Steel, No. 10, p. 26

Kotval, C., Ultrasonic Evaluation of Aluminum Master Cylinder Die Castings for Porosity, No. 11, p. 23

Kovacs, B. V. (See Papadakis, E. P.), No. 6, p. 25

*Lampert, N. R. (See Williams, J. H., Jr.,), No. 12, p. 68 *Lemon, D. K., and G. J. Posakony, Linear Array Technology in NDE Applications, No. 7, p. 34

London, R. J. (See Mottern, R. W.), No. 12, p. 39 Lord, W., and R. Palanisamy, Magnetic Probe Inspection of Steam Generator Tubing, No. 5, p. 38

, (See Palanisamy, R.), No. 10, p. 39

*Lovelace, J. F., Polarization Effects in Shear Wave Testing, No. 12, p. 61

*Marsh, F. J. (See Klinman, R.), No. 10, p. 26

*Martin, B. G., and F. L. Becker, The Effect of Near-Surface Metallic-Property Gradients on Ultrasonic Critical-Angle Reflectivity, No. 1, p. 92 Mignogna, R. B., J. C. Duke, Jr., and R. E. Green, Jr., Early

Detection of Fatigue Cracks in Aircraft Aluminum Alloy Sheets, No. 3, p. 37 Mooz, W. E., Proper Use of Penetrant Removers (Back to

Basics), No. 1, p. 18

Morris, R. A. (See Mottern, R. W.), No. 12, p. 39 Mottern, R. W., R. J. London, and R. A. Morris, Radiographic Examination of the Shroud of Turin, No. 12, p. 39

Murphy, R. V., Focussed Ultrasonic Probes for Contact Inspection, No. 9, p. 53

Okyere, J. G., and A. J. Cousin, On Flaw Detection in Live

Wood, No. 3, p. 43 Ono, K., and M. Shibata. Magnetomechanical Acoustic Emis-

sion of Iron and Steels, No. 1, p. 55 Packman, P. F. (See Tanner, R. D.), No. 9, p. 41 Palanisamy, R. (See Lord, W.), No. 5, p. 38

, and W. Lord, Finite Element Analysis of Eddy Current Phenomena, No. 10, p. 39

Papadakis, E. P., and B. V. Kovacs, Theoretical Model for Comparison of Sonic-Resonance and Ultrasonic-Velocity Techniques for Assuring Quality in Instant Nodular Iron Parts, No. 6, p. 25

Pepper, C. E., Inspection of Fiberglass Reinforced Plastic Pipe, Piping and Equipment (Back to Basics), No. 7, p. 28

Pfeiffer, T. J. (See Droney, B. E.), No. 6, p. 31 *Posakony, G. J. (See Lemon, D. K.), No. 7, p. 34

Rodgers, L. M., J. P. Hansen, and T. J. C. Webborn, Application of Acoustic Emission Analysis to the Integrity Monitoring of Offshore Steel Production Platforms, No. 8, p. 39

Rogovsky, A. J., and J. L. Rose, Some Additional Aspects of the Standardless Sensitivity Selection Technique, No. 9, p.

Rose, J. L., and G. H. Thomas, Microprocessor Utilization in Ultrasonic Nondestructive Inspection Systems, No. 1, p. 69

, (See Carson, J. M.), No. 4, p. 27 and G. P. Singh, An Analysis of the Dual-Element

Angle Beam Transducer, No. 7, p. 38 (See Rogovsky, A. J.), No. 9, p. 47

*Schlengermann, U., The Characterization of Focussing Ultrasonic Transducers by Means of Single Frequency Analysis, No. 12, p. 73

Shibata, M., (See Ono, K.), No. 1, p. 55 *Shih, C. H. (See Huang, Y.) No. 12, p. 76 *Singh, G. P. (See Rose, J. L.), No. 7, p. 38

Sinha, V. K., and K. M. Khanna, The Present and Future in Ultrasonic Testing (Back to Basics), No. 6, p. 14

*Steele, R. K., Fatigue Crack Growth and Fracture Mechanics Considerations for Flaw Inspection of Railroad Rail, No. 10,

*Stephenson, E. T. (See Klinman, R.), No. 10, p. 26

Tanner, R. D., R. E. Ustruck, and P. F. Packman, Adsorption and Hysteresis Behavior of Crack Detecting Liquid Penetrants on Steel Plates, No. 9, p. 41

Thomas, G. H. (See Rose, J. L.), No. 1, p. 69 Ustruck, R. E. (See Tanner, R. D.), No. 9, p. 41 Webborn, T. J. C. (See Rodgers, L. M.), No. 8, p. 39

*Webster, G. R. (See Klinman, R.), No. 10, p. 26

Wheeler, G. C., Radiography of Steel with the 25,000 R/Min. Linac, No. 6, p. 37

*Wilcox, W. W. (See Calder, C. A.), No. 1, p. 86

Williams, J. H., Jr., and B. Doll, Ultrasonic Attenuation as an Indicator of Fatigue Life of Graphite Fiber Epoxy Composite, No. 5, p. 33

, and N. R. Lampert, Ultrasonic Evaluation of Impact-Damaged Graphite Fiber Comp site, No. 12, p. 68 Wood, W. E. (See Dedhia, D. D.), No. 11, p. 28

Woodmansee, W. E., An Interactive Graphics System Developed for NDT, No. 3, p. 33

*Xu, J. (See Huang, Y.), No. 12, p. 76

